



Schools Water Efficiency Program

Find leaks, save water and electricity, and promote sustainability education in your school.



Water

20,660 L

Tuesday 15th December

137 kL

Over the last 7 days

3.6 ML

Year to date



Electricity

2.3 MWh

Tuesday 15th December

16.3 MWh

Over the last 7 days

319.1 MWh

Year to date



Solar

9.5kWh

Tuesday 15th December

60.7kWh

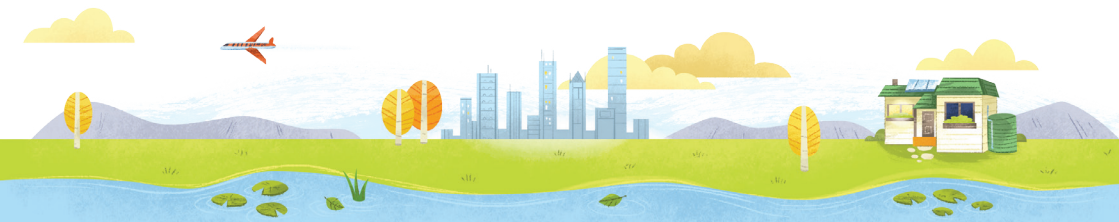
Over the last 7 days

2.9Mwh

Year to date

‘The Schools Water Efficiency Program is achieving outstanding results in water saving and also provides a great opportunity for students to learn more about the environment?’

James Merlino – Minister for Education





What is the Schools Water Efficiency Program?

SWEP is a Victorian Government initiative available to any Victorian school. The program enables schools to continuously track their water and electricity use.

The program provides teachers and students with an opportunity to learn about water and electricity efficiency through mathematics concepts such as measurement and data in a tangible and realistic environment.

Business and Facility managers can monitor their school's water and electricity usage to detect high usage, leaks and faulty appliances so they can be rectified, allowing schools to save water, electricity and money.



Why join SWEP?

As at Jan 2022, the 1302 participating SWEP schools have saved more than 9.6 billion litres of water that would have otherwise cost them more than \$31 million in water and sewage related charges.

Schools save water and money by monitoring water use and acting on leaks and issues as they occur. Every participating school has identified leaks that may not have been identified as quickly.

'Being a SWEP school really is a "no brainer". You will reduce your water and energy use, you will quickly find leaks in your system and you will save money that you can put into other programs. Schools where I have implemented SWEP have saved in excess of \$70,000 since joining the program.'

Bill Thomas, Head of Sustainable Practice
Mount Waverley SC





How much have schools saved...

Being able to quickly detect water leaks and unusual water activity is critical for schools to make repairs and save water and money.



SWEP isn't just about identifying broken pipes. More than 80% of the program's savings have come from the early identification and repair of everyday fixtures and fittings such as sticking toilet cisterns and leaky evaporative air conditioners.

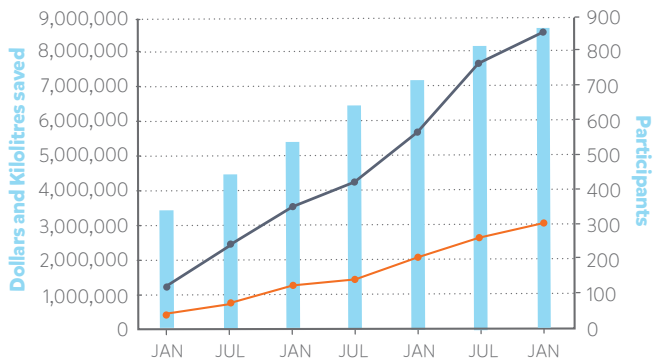
The schools below were able to use the SWEP to identify problematic devices and repair them before they added substantial costs to their next water bill.



SCHOOL	ISSUE IDENTIFIED	VOLUME SAVED quarterly	MONEY SAVED quarterly
Lowanna College	Broken pipe	2,190kL	\$10,053
Wodonga Senior SC	Broken Pipe	2,626kL	\$6,210
Mill Park SC	Faulty Evaporative Cooler	1,068kL	\$4,440
Boroondara Park PS	Leaking toilet cistern	906kL	\$3,771
St Columba's College	Leaking toilet cistern	402kL	\$1,602

Savings generated by schools participating in SWEP

- Participating schools
- Volume saved (kL)
- Money saved (\$)



'The SWEP resources are a great way to engage students in looking at and understanding water.'

Alicia French - Manor Lakes Secondary College



By signing up for SWEP, your school will receive:

- Up to **two data loggers fitted for free**, additional loggers are at a cost. There is no disruption to water use at any time;
- Access to a **dedicated website** for monitoring and managing water consumption data;
- **Unlimited** staff, student and administrative access;
- **Teacher assistance** and training can be provided where necessary;
- Access to **specially designed primary and secondary curriculum resources**. These resources address learning areas in the Victorian curriculum such as English, Mathematics, Science and Humanities;
- For some schools, one of the data loggers can be **connected to a rainwater tank**. The plumbing costs for metering the rainwater tank will also be met by SWEP. Conditions apply.



SWEP is a voluntary program open to every Victorian school. Water monitoring requires a **three-year commitment** by schools and there are **no upfront costs** to the school; however the total program costs for participating is **\$300 (ex GST)** over the three years, payable by instalments of **\$150 (ex GST)** in each of the second and third years.

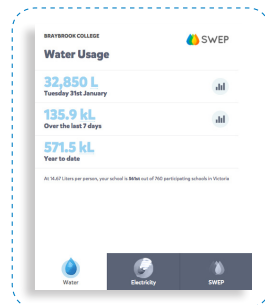
Visit www.myswep.com.au to learn more about the program, read case studies and see how the SWEP curriculum resources can be used at your school.

Download the SWEP widget

Every participating SWEP school has access to a downloadable widget which can then be installed on your schools website.

Updated daily, the widget is an easy way of providing access to your school's overall water and electricity consumption data for staff, students and parents alike.

Log into your school's SWEP webpage and click on the 'Widget Configuration' button in the menu for downloading instructions.





SWEP electricity monitoring



Drawing from the success and savings achieved by water monitoring, the SWEP team now offers an electricity monitoring service (further eligibility criteria apply).

SWEP electricity isn't just about monitoring how much electricity is used overall, it enables schools to monitor peak, off-peak, seasonal and baseline electricity consumption. By presenting the electricity consumption data in a user-friendly format, schools can use the data to quickly identify inefficient behaviours and appliances that might be faulty.

Participating schools are already making savings to their electricity bills by implementing simple measures like adjusting fridge and freezer thermostats or modifying/changing the settings for their exterior lighting.

Because the data comes straight from the school's electricity meter, participating schools have access to timely interval data ensuring school decision makers are fully aware of how much electricity is being used and when.



'Despite having more students than ever before, we've been able to maintain our electricity use by using SWEP data to make informed decisions about changing appliances.'

Rowena Archer, Braybrook College

The electricity module requires schools to register for or already be a participating water school. Electricity monitoring with SWEP requires a three year commitment at a cost of **\$150 (ex GST)** each year. Payments can be made annually or in one instalment.



SWEP monitors solar panels too!

Participating schools can receive access to interval data from their solar panel inverters via the SWEP website, enabling detailed monitoring of the solar electricity generated at your school.

The solar module requires schools to register for or already be a participating water school. Solar monitoring with SWEP requires a three year commitment starting at **\$150* (ex GST)** each year (*depending on your schools inverter requirements). Payments can be made annually or in one instalment.

Register now

To register your school for SWEP or to find out more visit www.myswep.com.au

Award winning

SWEP has won a number of awards including:



WINNER – Excellence in Sustainable Water Management

Published by the Victorian Government Department of Environment, Land, Water and Planning Melbourne, July 2017.

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SWEP is delivered through the Department Environment, Land, Water and Planning and the Department of Education and Training.

SWEP is administered and project managed by Yarra Valley Water on behalf of the Victorian Government.

Printed by Nadrasca, Nunawading
ISBN 978-0-9942737-3-4 (print)
ISBN 978-0-9942737-4-1 (online)